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859-150434782*

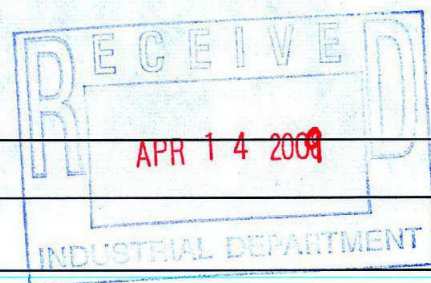
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85-915043478*

956-04547826*

PRETREATMENT MONITORING REPORTNAME: City of Clifton, DPW FacilityMAILING ADDRESS: 900 Clifton Avenue, Clifton, New Jersey 07013FACILITY LOCATION: DPW Facility, East 7th StreetCATEGORY & SUBPART: _____ OUTLET #: 001CONTACT OFFICIAL: James Yellen, P.E. TELEPHONE: 973-470-6793NEW CUSTOMER ID / OUTLET ID: 03630001-1 OLD OUTLET DESIGNATION: _____

MONITORING PERIOD					
Start			End		
03	01	2009	03	31	2009
MO	DAY	YR	MO	DAY	YR

Average

Maximum

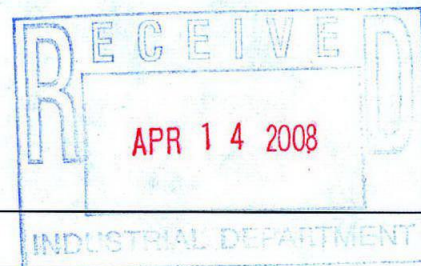
Regulated Flow-gal/day

Total Flow-gal/day

869956Method Used: Totalizing flow meter readings / 23 working days.Average = 16,280 gallons in 23 working days = 708 gal/day

Production Rate (if applicable) _____

PARAMETER		MASS OR CONCENTRATION			# OF SAMPLES	SAMPLE TYPE COMP/GRAB
		MON AVG	MAXIMUM	UNITS		
Cd	Sample Measurement	< 0.003	<0.003	Mg/l	1	Comp
	Permit Requirement	0.19		Mg/l		
Cu	Sample Measurement	< 0.010	< 0.010	Mg/l	1	Comp
	Permit Requirement	3.02		Mg/l		
Pb	Sample Measurement	0.0049	0.0049	Mg/l	1	Comp
	Permit Requirement	0.54		Mg/l		
Hg	Sample Measurement	< 0.0002	< 0.0002	Mg/l	1	Comp
	Permit Requirement	0.080		Mg/l		
Ni	Sample Measurement	< 0.010	< 0.010	Mg/l	1	Comp
	Permit Requirement	5.9		Mg/l		
Zn	Sample Measurement	< 0.020	< 0.020	Mg/l	1	Comp
	Permit Requirement	1.67		Mg/l		
SGT-HEM	Sample Measurement	< 5.2	< 5.2	Mg/l	1	Grab
	Permit Requirement	100		Mg/l		
TVOC	Sample Measurement	0.01318	0.01318	Mg/l	1	Grab
	Permit Requirement					
BOD	Sample Measurement	< 2.0	< 2.0	Mg/l	1	Comp
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

PRETREATMENT MONITORING REPORTCertification of Non-Use if applicable (use additional sheets): N/A

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every

parameter used: The City of Clifton is in compliance with the PVSC permit limitations.

Explain Method for preserving samples: Samples collected for TVOC and SGT-HEM (Non-Polar Material) analyses were preserved with HCl
and chilled to 4° C. Samples collected for metals analyses were preserved with HNO₃ and chilled to 4° C. The BOD sample was
chilled to 4° C.

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

A handwritten signature in blue ink, appearing to read "Thomas DeMichele".

Signature of Principal

Executive or Authorized Agent

Thomas DeMicheleProject Supervisor/ N-2 Operator

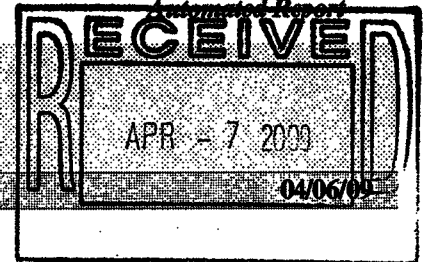
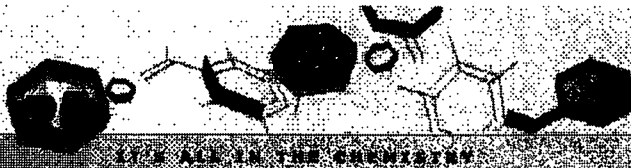
Type Name and Title

4/13/09

Date

e-Hardcopy 2.0

Automated Report



Technical Report for

Matrix New World Engineering, Inc.

Clifton DPW, Clifton, NJ

08-404E-04

Accutest Job Number: JA14186

Sampling Date: 03/13/09

Report to:

Matrix New World Engineering, Inc.

120 Eagle Rock Avenue

2nd Floor

East Hanover, NJ 07936

ATTN: Tom DeMichele

Total number of pages in report: 121



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
David N. Speis
VP Ops, Laboratory Director

Client Service contact: Tammy McCloskey 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

New Jersey • 2235 Route 130 • Dayton, NJ 08810 • tel: 732-329-0200 • fax: 732-329-3499 • <http://www.accutest.com>

Note: This report is password protected to disallow document modification or assembly.
To obtain a version that can be unlocked, contact your client service representative.



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Accutest Laboratories

Sample Summary

Matrix New World Engineering, Inc.

Job No: JA14186

Clifton DPW, Clifton, NJ
Project No: 08-404E-04

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
JA14186-1	03/13/09	10:45 ES	03/13/09	AQ Effluent	DPW-EFF-0309



CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Matrix New World Engineering, Inc.

Job No JA14186

Site: Clifton DPW, Clifton, NJ

Report Date 4/3/2009 1:20:17 PM

On 03/13/2009, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.8 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA14186 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 624

Matrix: AQ

Batch ID: VT5088

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA14335-IMS, JA14336-IDUP, JA14335-IMS were used as the QC samples indicated.
- Blank Spike Recovery(s) for Acrolein are outside control limits.
- Matrix Spike Recovery(s) for Acrolein are outside control limits. Probable cause due to matrix interference.
- VT5088-BS for Acrolein: High percent recoveries and no associated positive found in the QC batch.
- JA14335-IMS for Acrolein: Outside control limits.

Metals By Method EPA 200.7

Matrix: AQ

Batch ID: MP47583

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA14335-2MS, JA14335-2MSD, JA14335-2SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Lead, Nickel are outside control limits for sample MP47583-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method EPA 245.1

Matrix: AQ

Batch ID: MP47609

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA14054-2MS, JA14054-2MSD were used as the QC samples for metals.

Friday, April 03, 2009

Page 1 of 2

Wet Chemistry By Method EPA 1664A**Matrix:** AQ**Batch ID:** GP48407

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA14451-5MS, JA14451-6DUP were used as the QC samples for HEM Petroleum Hydrocarbons.
- RPD(s) for Duplicate for HEM Petroleum Hydrocarbons are outside control limits for sample GP48407-D1. RPD acceptable due to low duplicate and sample concentrations.

Wet Chemistry By Method SM20 5210B**Matrix:** AQ**Batch ID:** GP48256

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA14124-2DUP were used as the QC samples for BOD, 5 Day.

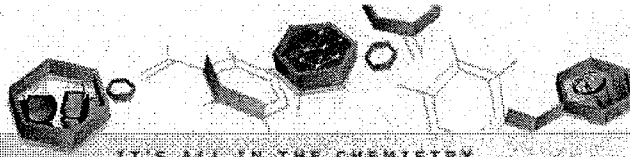
Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Friday, April 03, 2009

Page 2 of 2



Section 3

IT'S ALL IN THE CHEMISTRY

63

Sample Results

Report of Analysis

Raw Data: T131134.D

Accutest Laboratories

Report of Analysis

Page 1 of 2

Client Sample ID:	DPW-EFF-0309	Date Sampled:	03/13/09
Lab Sample ID:	JA14186-1	Date Received:	03/13/09
Matrix:	AQ - Effluent	Percent Solids:	n/a
Method:	EPA 624		
Project:	Clifton DPW, Clifton, NJ		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	T131134.D	1	03/23/09	NMC	n/a	n/a	VT5088
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	2.0	ug/l	
107-13-1	Acrylonitrile	ND	10	0.85	ug/l	
542-88-1	Bis(chloromethyl)ether	IND			ug/l	
71-43-2	Benzene	3.3	1.0	0.12	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.13	ug/l	
75-25-2	Bromoform	ND	1.0	0.19	ug/l	
74-83-9	Bromomethane	ND	1.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.099	ug/l	
108-90-7	Chlorobenzene	7.2	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.96	ug/l	
67-66-3	Chloroform	0.17	1.0	0.094	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.17	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.11	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.17	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.14	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.91	ug/l	
75-34-3	1,1-Dichloroethane	0.17	1.0	0.10	ug/l	J
107-06-2	1,2-Dichloroethane	1.1	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.17	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.40	1.0	0.15	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	55	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
151-56-4	Ethylenimine	IND			ug/l	
75-09-2	Methylene chloride	ND	1.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.10	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Page 2 of 2

Client Sample ID: DPW-EFF-0309
 Lab Sample ID: JA14186-1
 Matrix: AQ - Effluent
 Method: EPA 624
 Project: Clifton DPW, Clifton, NJ

Date Sampled: 03/13/09
 Date Received: 03/13/09
 Percent Solids: n/a

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
127-18-4	Tetrachloroethene	ND	1.0	0.58	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.15	ug/l	
79-01-6	Trichloroethene	0.60	1.0	0.45	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.44	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.16	ug/l	
1330-20-7	Xylenes (total)	0.24	1.0	0.15	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	118%		64-135%
2037-26-5	Toluene-D8 (SUR)	100%		76-117%
460-00-4	4-Bromofluorobenzene (SUR)	94%		72-122%
1868-53-7	Dibromofluoromethane (S)	111%		76-120%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Page 1 of 1

Client Sample ID: DPW-EFF-0309
 Lab Sample ID: JA14186-1
 Matrix: AQ - Effluent
 Project: Clifton DPW, Clifton, NJ

Date Sampled: 03/13/09
 Date Received: 03/13/09
 Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 3.0	3.0	ug/l	1	03/24/09	03/25/09 ND	EPA 200.7 ¹	EPA 200.7 ³
Copper	< 10	10	ug/l	1	03/24/09	03/25/09 ND	EPA 200.7 ¹	EPA 200.7 ³
Lead	4.9	3.0	ug/l	1	03/24/09	03/25/09 ND	EPA 200.7 ¹	EPA 200.7 ³
Mercury	< 0.20	0.20	ug/l	1	03/30/09	03/30/09 JW	EPA 245.1 ²	EPA 245.1 ⁴
Nickel	< 10	10	ug/l	1	03/24/09	03/25/09 ND	EPA 200.7 ¹	EPA 200.7 ³
Zinc	< 20	20	ug/l	1	03/24/09	03/25/09 ND	EPA 200.7 ¹	EPA 200.7 ³

- (1) Instrument QC Batch: MA22327
 (2) Instrument QC Batch: MA22347
 (3) Prep QC Batch: MP47583
 (4) Prep QC Batch: MP47609

 RL = Reporting Limit



CHAIN OF CUSTODY

PAGE OF E

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

Client / Reporting Information

Company Name

Matrix New World

Street Address

120 Eagle Rock Ave

City

East Hanover

State

NJ

Zip

07936

Project Contact

Tam DeMichela

E-mail

Phone #

973-240-1800

Fax #

Sampler(s) Name(s)

E. Shaff

Phone #

Project Information

Project Name

Clifton DPW

Street

East 7th St.

City

Clifton

State

NJ

Billing Information (if different from Report to)

Company Name

Street Address

Project #

08-404E-04

Client Purchase Order #

City

State

Zip

Attention:

Project Manager

Russ Bauer

Requested Analysis (see TEST CODE sheet)

BOD

CO, Cu, Pb, Hg, Ni, Zn

TUOC (meth. 624)

PHC (meth. 1654A)

Matrix Codes

DW - Drinking Water

GW - Ground Water

WW - Water

SW - Surface Water

SO - Soil

SL - Sludge

SED - Sediment

OI - Oil

LIQ - Other Liquid

AIR - Air

SOL - Other Solid

WP - Wipe

FB - Field Blank

EB - Equipment Blank

RB - Rinse Blank

TB - Trip Blank

Account Sample #

Field ID / Point of Collection

MEORVDI Val #

Date

Time

Sampled by

Matrix

of bottles

HQ

NRHQ

NRHQ

NRHQ

NRHQ

NRHQ

NRHQ

NRHQ

NRHQ

NRHQ

Number of preserved bottles

LAB USE ONLY

H C9

AMET4

WC9

410

Turnaround Time (Business days)

☒ Std. 15 Business Days
 ☐ Std. 10 Business Days (by Contract only)
 ☐ 10 Day RUSH
 ☐ 5 Day RUSH
 ☐ 3 Day EMERGENCY
 ☐ 2 Day EMERGENCY
 ☐ 1 Day EMERGENCY

Approved By (Account PM) / Date:

☐ Commercial "A" (Level 1)
 ☐ Commercial "B" (Level 2)
 ☐ FULLT1 (Level 3+4)
 ☒ NJ Reduced
 ☐ Commercial "C"

Commercial "A" = Results Only

Commercial "B" = Results + QC Summary

NJ Reduced = Results + QC Summary + Partial Raw data

☐ NYASP Category A
 ☐ NYASP Category B
 ☐ State Forms
 ☐ EDO Format
 ☐ Other

Comments / Special Instructions

Emergency & Rush T/A data available VIA Lablink

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:

3/13/09 13:30

Received By:

3/13/09

Relinquished by Sampler:

Received By:

Relinquished by:

Received By:

Custody Seal #

Intact

Not Intact

Date Time:

3/13/09

Received By:

3/13/09

Date Time:

Received By:

Date Time:

Received By:

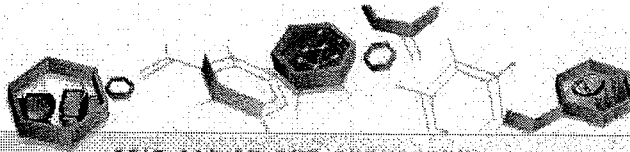
Preserved when applicable

On Ice

Engel Tubs

JA14186: Chain of Custody

Page 1 of 1



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody